

FIG. 1

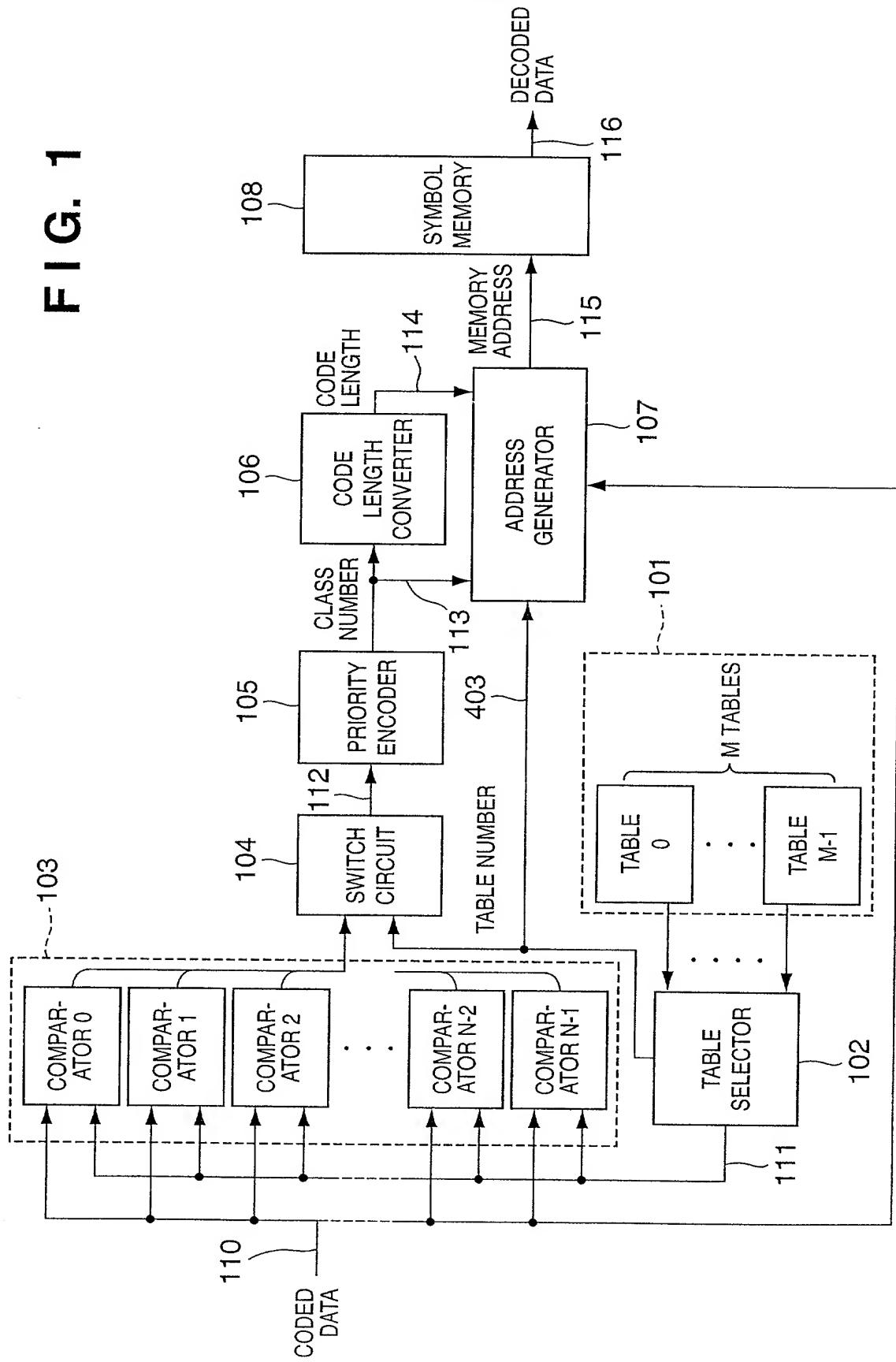
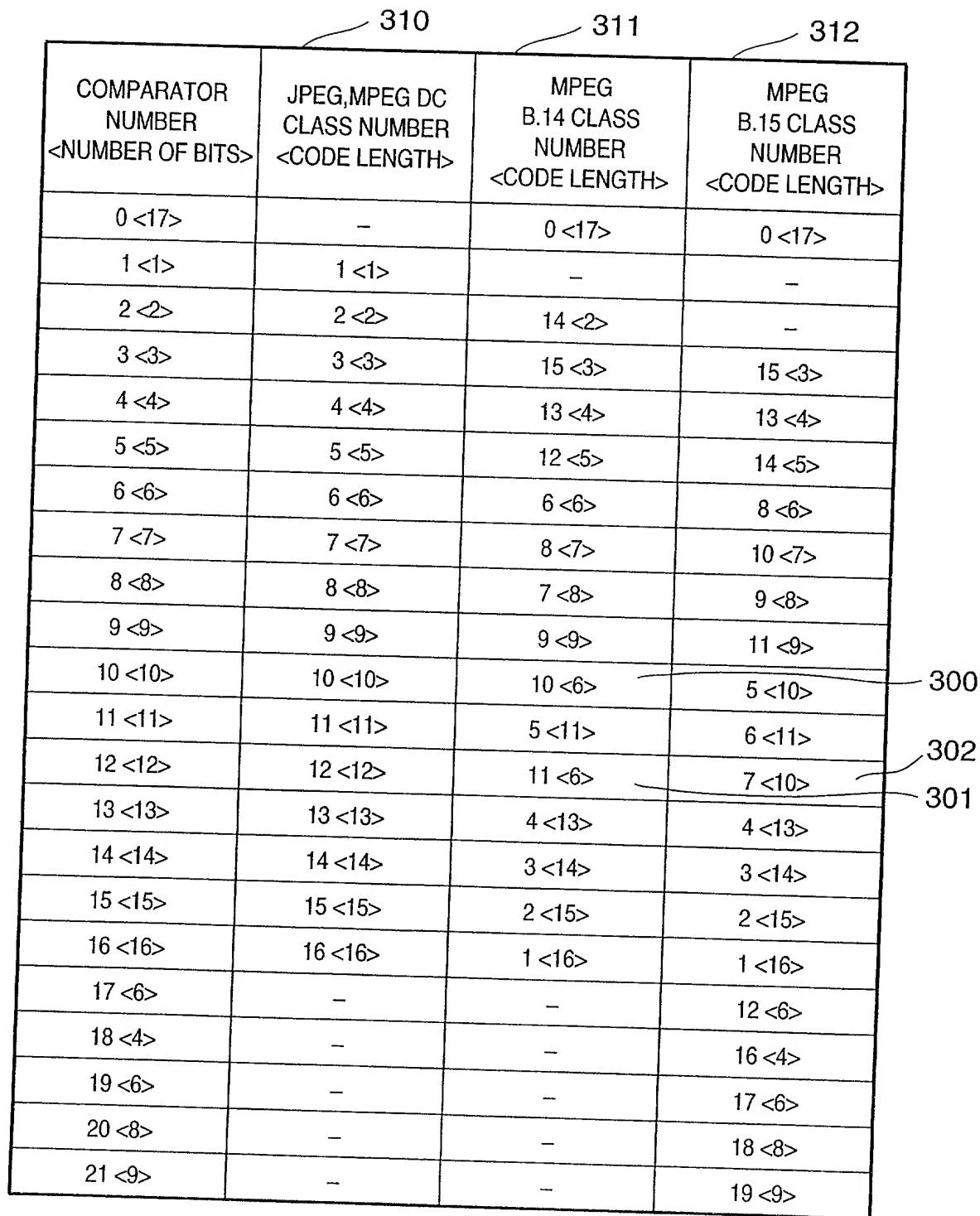


FIG. 2

TABLE NUMBER	VARIABLE-LENGTH CODE TABLE	TABLE STRUCTURE	CLASS NUMBER
0	JPEG DC	FLIP-FLOP	8
1	JPEG DC	FLIP-FLOP	10
2	JPEG AC	FLIP-FLOP	15
3	JPEG AC	FLIP-FLOP	15
4	MPEG DC B.12	HARD WIRED	8
5	MPEG DC B.13	HARD WIRED	9
6	MPEG AC B.14	HARD WIRED	16
7	MPEG AC B.15	HARD WIRED	20

FIG. 3



The table illustrates the mapping between Comparator Number (bits) and four MPEG class numbers. The Comparator Number is represented by <NUMBER OF BITS>. The four MPEG class numbers are: B.14 CLASS NUMBER <CODE LENGTH>, B.15 CLASS NUMBER <CODE LENGTH>, and two additional columns labeled 310, 311, and 312.

The table shows the following mappings:

COMPARATOR NUMBER <NUMBER OF BITS>	JPEG,MPEG DC CLASS NUMBER <CODE LENGTH>	MPEG B.14 CLASS NUMBER <CODE LENGTH>	MPEG B.15 CLASS NUMBER <CODE LENGTH>	310	311	312
0 <17>	-	0 <17>	0 <17>			
1 <1>	1 <1>	-	-			
2 <2>	2 <2>	14 <2>	-			
3 <3>	3 <3>	15 <3>	15 <3>			
4 <4>	4 <4>	13 <4>	13 <4>			
5 <5>	5 <5>	12 <5>	14 <5>			
6 <6>	6 <6>	6 <6>	8 <6>			
7 <7>	7 <7>	8 <7>	10 <7>			
8 <8>	8 <8>	7 <8>	9 <8>			
9 <9>	9 <9>	9 <9>	11 <9>			
10 <10>	10 <10>	10 <6>	5 <10>	300		
11 <11>	11 <11>	5 <11>	6 <11>		302	
12 <12>	12 <12>	11 <6>	7 <10>			301
13 <13>	13 <13>	4 <13>	4 <13>			
14 <14>	14 <14>	3 <14>	3 <14>			
15 <15>	15 <15>	2 <15>	2 <15>			
16 <16>	16 <16>	1 <16>	1 <16>			
17 <6>	-	-	12 <6>			
18 <4>	-	-	16 <4>			
19 <6>	-	-	17 <6>			
20 <8>	-	-	18 <8>			
21 <9>	-	-	19 <9>			

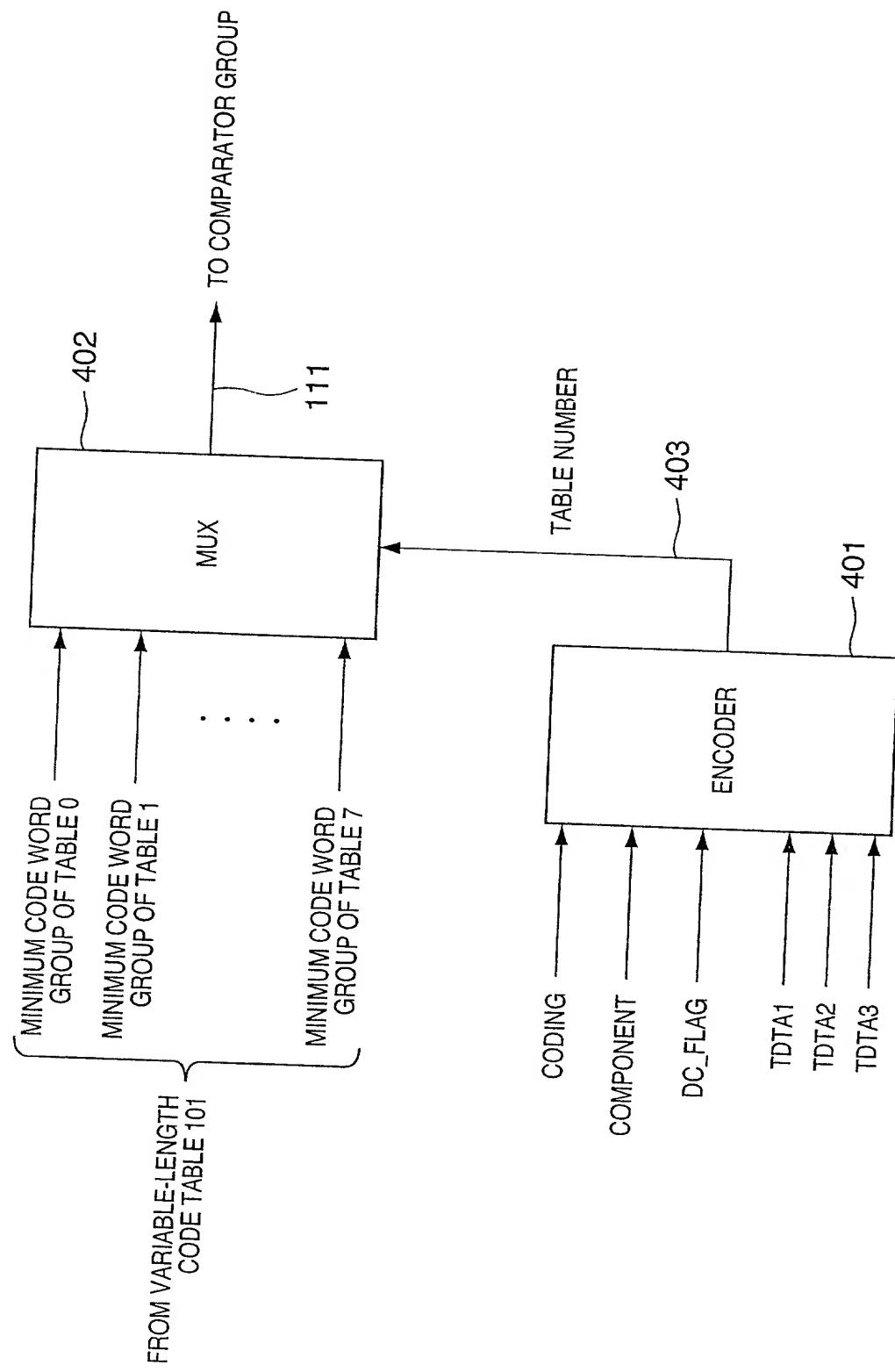
F I G. 4

CLASS NUMBER	MINIMUM CODE WORD	CODE LENGTH
0	0000 0000 0001 0000 0	17
1	0000 0000 0010 0000	16
2	0000 0000 0100 0000	15
3	0000 0000 1000 00	14
4	0000 0001 0000 0	13
5	0000 0010 000	11
6	0000 01	6
7	0000 1000	8
8	0001 000	7
9	0010 0000 0	9
10	0010 10	6
11	0011 00	6
12	0100 0	5
13	0110	4
14	10	2
15	110	3

FIG. 5

CLASS NUMBER	MINIMUM CODE WORD	CODE LENGTH
0	0000 0000 0001 0000 0	17
1	0000 0000 0010 0000	16
2	0000 0000 0100 0000	15
3	0000 0000 1000 00	14
4	0000 0001 0000 0	13
5	0000 0010 00	10
6	0000 0011 000	11
7	0000 0011 10	10
8	0000 01	6
9	0000 1000	8
10	0001 000	7
11	0010 0000 0	9
12	0010 10	6
13	0100	4
14	0111 0	5
15	100	3
16	1100	4
17	1110 00	6
18	1111 0000	8
19	1111 1010 0	9

FIG. 6



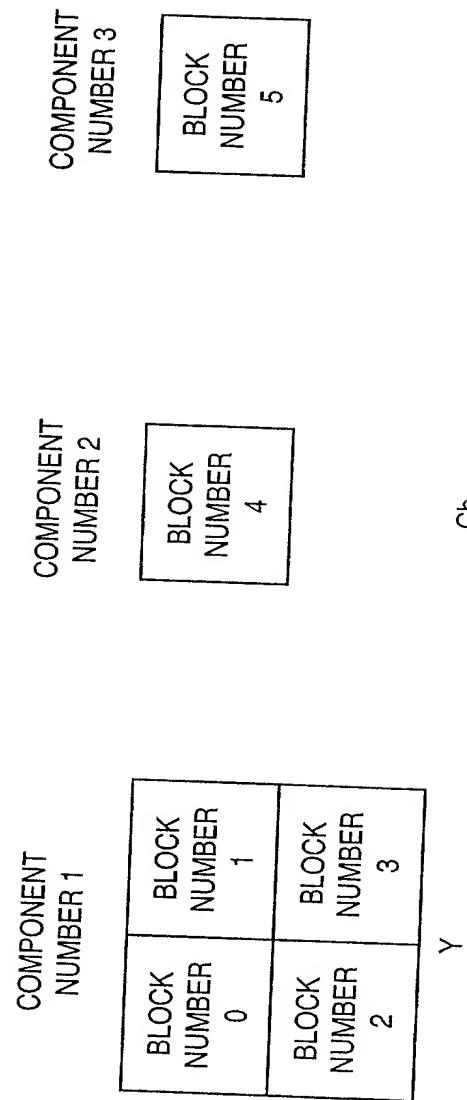


FIG. 7A **FIG. 7B** **FIG. 7C**

FIG. 8

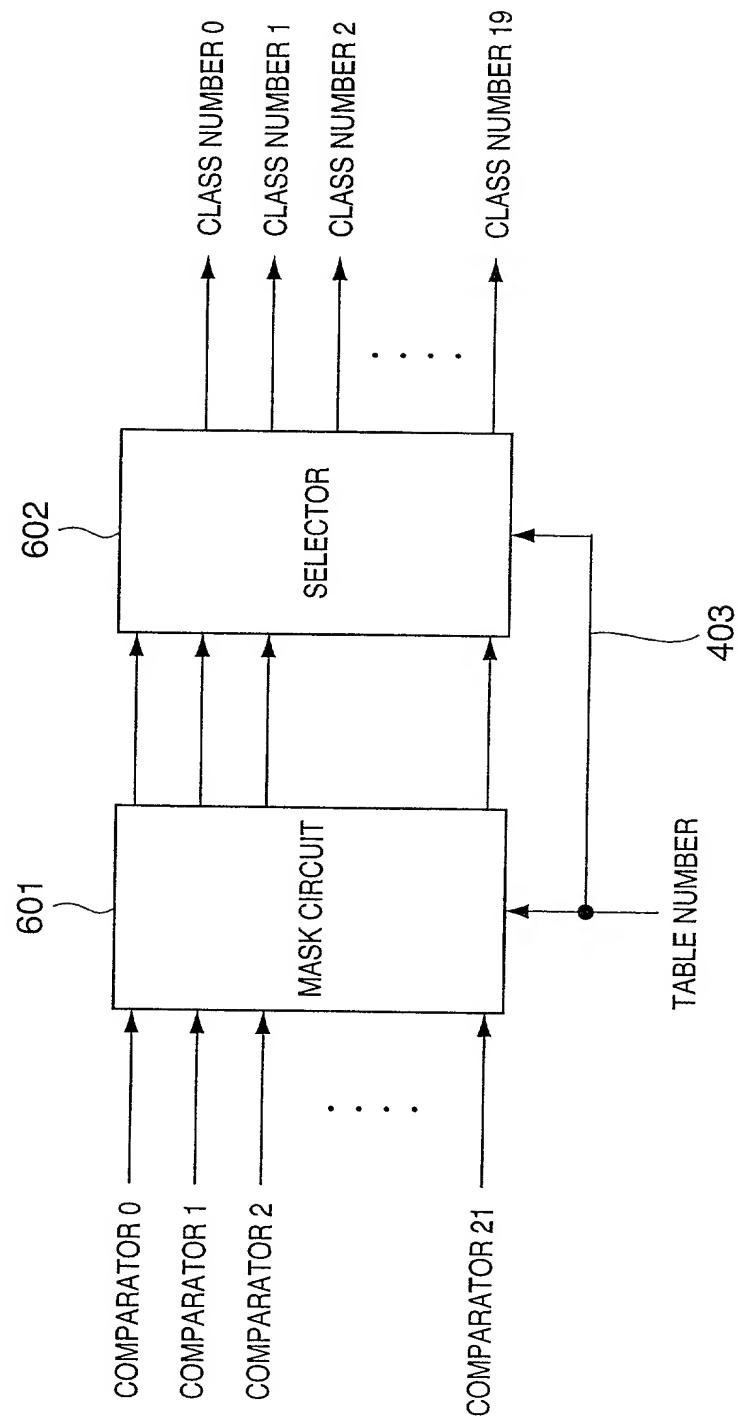


FIG. 9

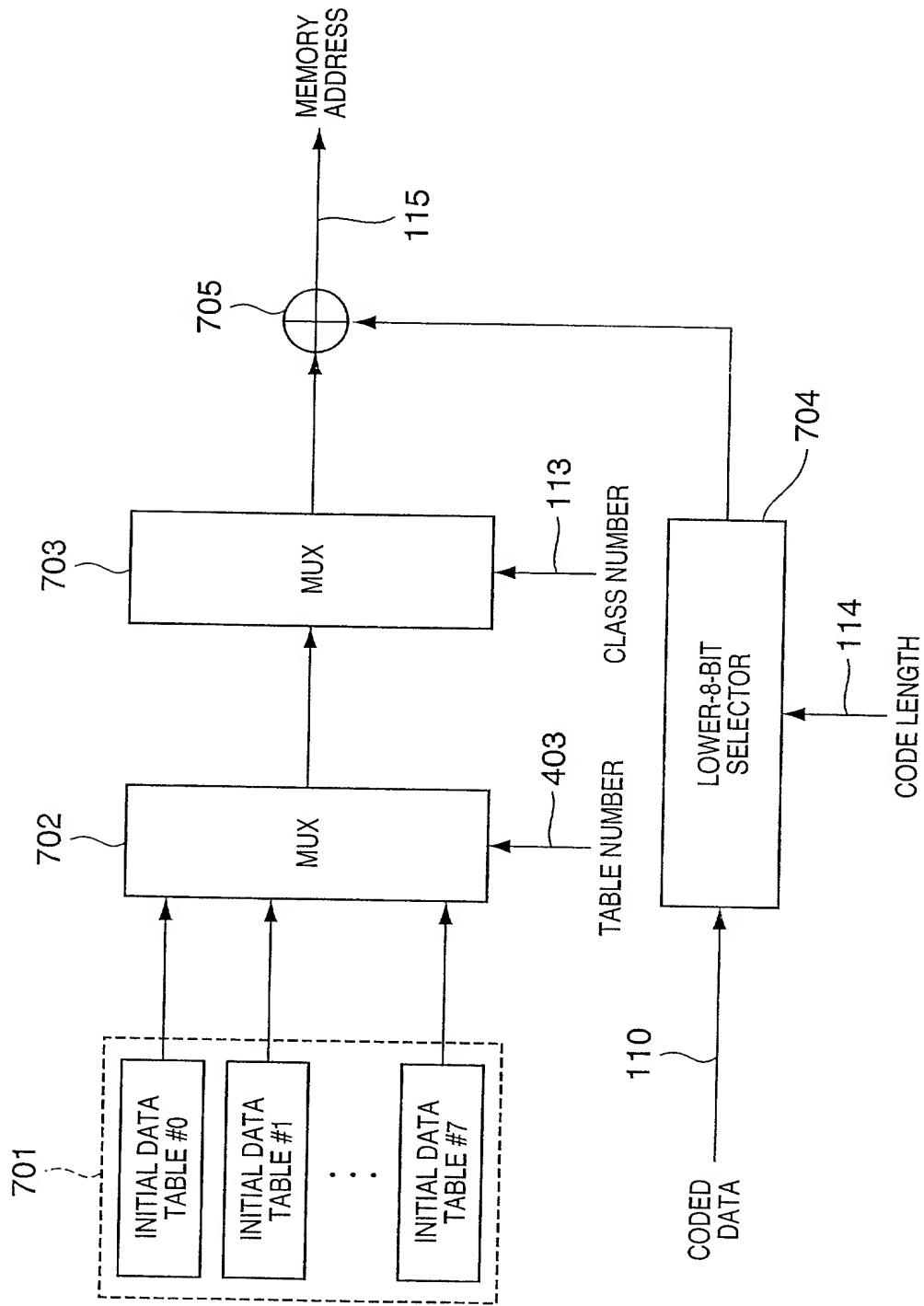


FIG. 10

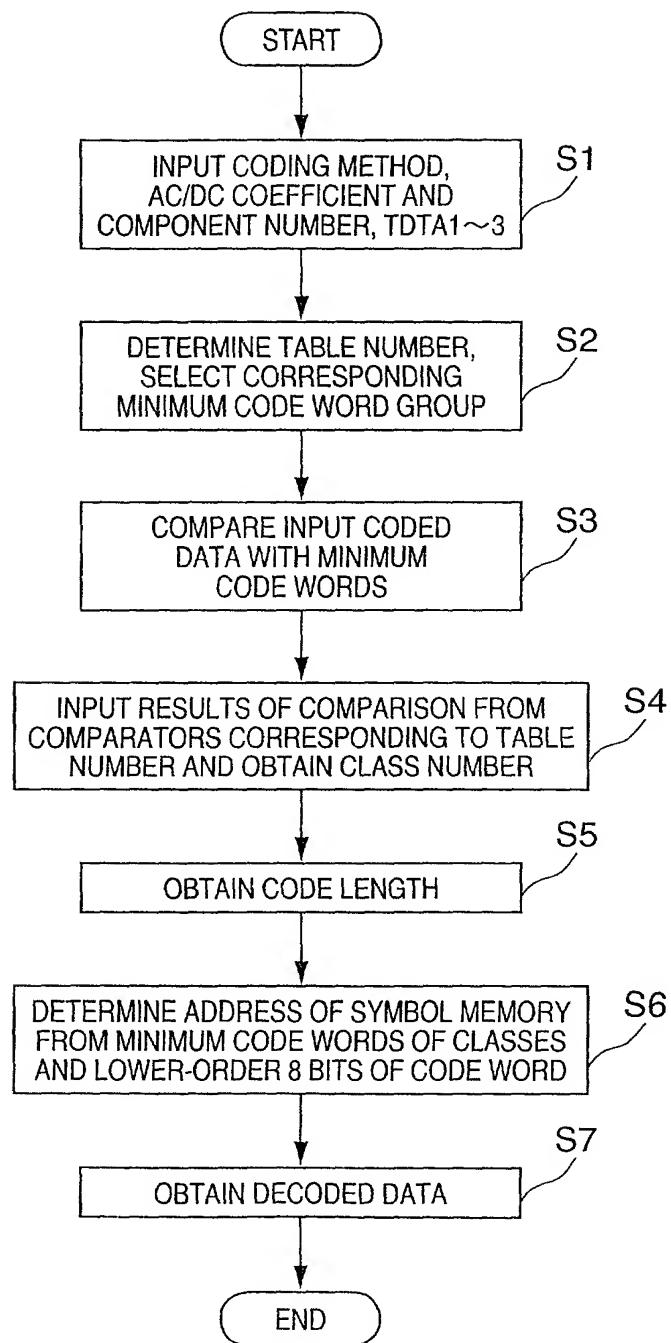
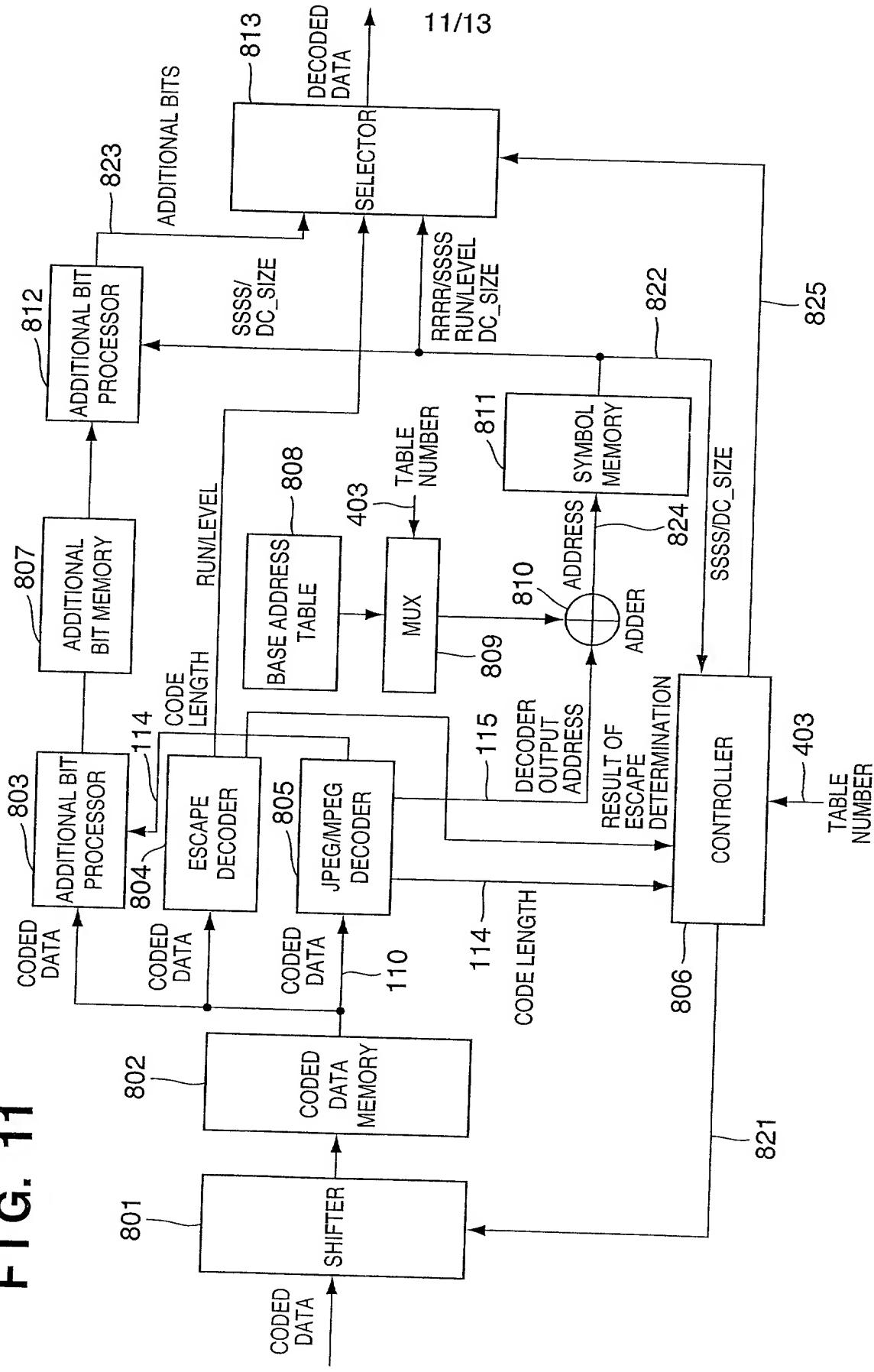


FIG. 11



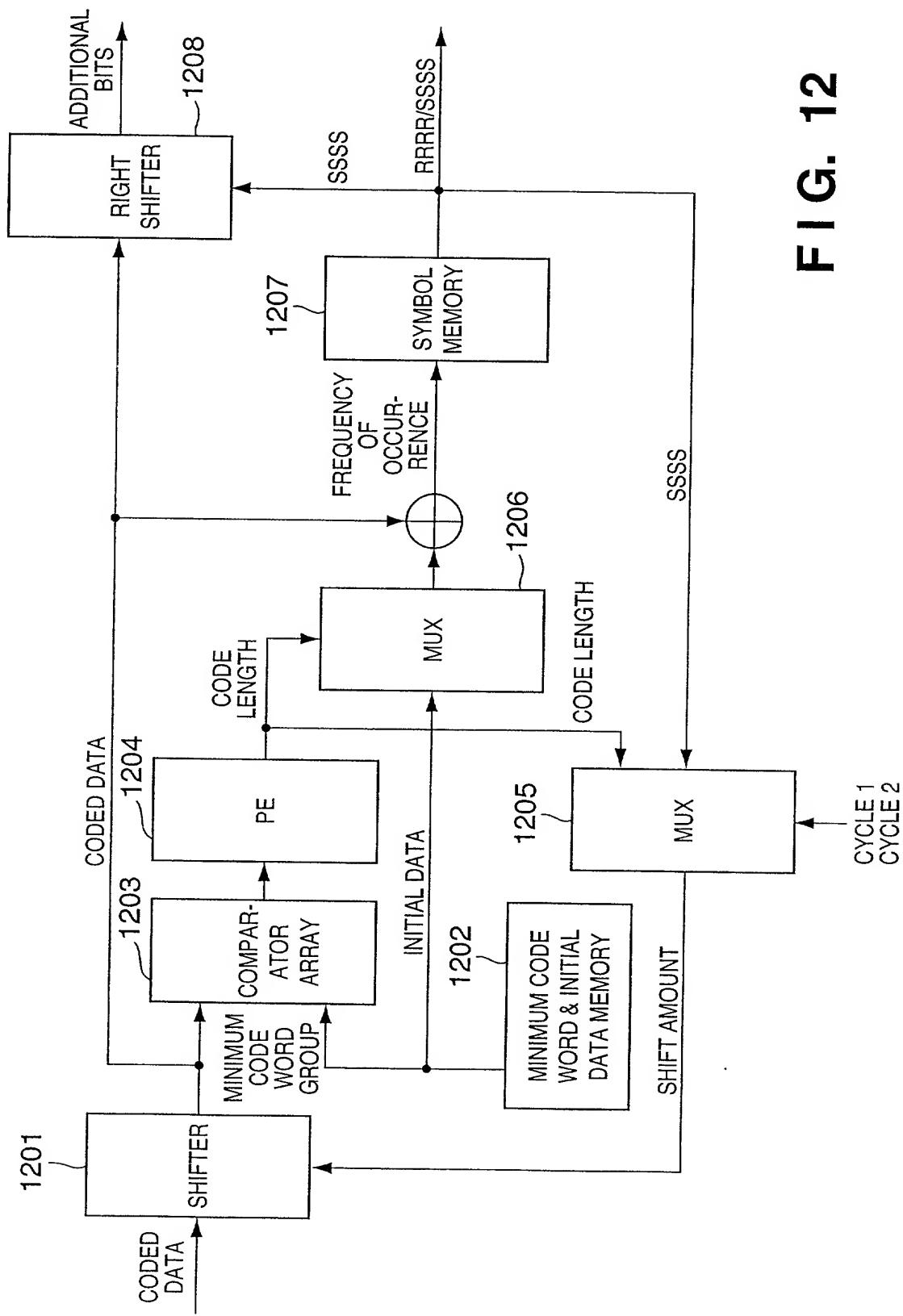


FIG. 13

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